

General

Title

Management of labor: percentage of patients whose position is changed to the left or right side to decrease compression of vena cava.

Source(s)

Creedon D, Akkerman D, Atwood L, Bates L, Harper C, Levin A, McCall C, Peterson D, Rose C, Setterlund L, Walkes B, Wingeier R. Management of labor. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2013 Mar. 66 p. [113 references]

Measure Domain

Primary Measure Domain

Clinical Quality Measures: Process

Secondary Measure Domain

Does not apply to this measure

Brief Abstract

Description

This measure is used to assess the percentage of patients whose position is changed to the left or right side to decrease compression of vena cava.

Rationale

The priority aim addressed by this measure is to increase the percentage of patients who have intrauterine resuscitation techniques for fetal tachysystole or Category III heart rate tracings.

Evidence for Rationale

Creedon D, Akkerman D, Atwood L, Bates L, Harper C, Levin A, McCall C, Peterson D, Rose C, Setterlund L, Walkes B, Wingeier R. Management of labor. Bloomington (MN): Institute for Clinical

Primary Health Components

Pregnancy; labor; vena cava

Denominator Description

Number of patients who present in labor

Numerator Description

Number of patients whose position is changed to the left or right side to decrease compression of vena cava

Evidence Supporting the Measure

Type of Evidence Supporting the Criterion of Quality for the Measure

A clinical practice guideline or other peer-reviewed synthesis of the clinical research evidence

Additional Information Supporting Need for the Measure

Unspecified

Extent of Measure Testing

Unspecified

National Guideline Clearinghouse Link

Management of labor.

State of Use of the Measure

State of Use

Current routine use

Current Use

not defined yet

Application of the Measure in its Current Use

Measurement Setting

Hospital Inpatient

Professionals Involved in Delivery of Health Services

not defined yet

Least Aggregated Level of Services Delivery Addressed

Single Health Care Delivery or Public Health Organizations

Statement of Acceptable Minimum Sample Size

Unspecified

Target Population Age

Unspecified

Target Population Gender

Female (only)

National Strategy for Quality Improvement in Health Care

National Quality Strategy Aim

Better Care

National Quality Strategy Priority

Prevention and Treatment of Leading Causes of Mortality

Institute of Medicine (IOM) National Health Care Quality Report Categories

IOM Care Need

Getting Better

IOM Domain

Effectiveness

Data Collection for the Measure

Case Finding Period

The time frame pertaining to data collection is monthly.

Denominator Sampling Frame

Patients associated with provider

Denominator (Index) Event or Characteristic

Clinical Condition

Institutionalization

Patient/Individual (Consumer) Characteristic

Denominator Time Window

not defined yet

Denominator Inclusions/Exclusions

Inclusions

Number of patients who present in labor

Exclusions

Unspecified

Exclusions/Exceptions

not defined yet

Numerator Inclusions/Exclusions

Inclusions

Number of patients whose position is changed to the left or right side to decrease compression of vena cava

Exclusions

Unspecified

Numerator Search Strategy

Institutionalization

Data Source

Electronic health/medical record

Type of Health State

Does not apply to this measure

Instruments Used and/or Associated with the Measure

Unspecified

Computation of the Measure

Measure Specifies Disaggregation

Does not apply to this measure

Scoring

Rate/Proportion

Interpretation of Score

Desired value is a higher score

Allowance for Patient or Population Factors

not defined yet

Standard of Comparison

not defined yet

Identifying Information

Original Title

Percentage of patients whose position is changed to the left or right side to decrease compression of vena cava.

Measure Collection Name

Management of Labor

Submitter

Institute for Clinical Systems Improvement - Nonprofit Organization

Developer

Funding Source(s)

The Institute for Clinical Systems Improvement's (ICSI's) work is funded by the annual dues of the member medical groups and five sponsoring health plans in Minnesota and Wisconsin.

Composition of the Group that Developed the Measure

Work Group Members: Douglas Creedon, MD (*Work Group Leader*) (Mayo Clinic) (OB/Gyn); Deb Peterson, MD (Affiliated Community Medical Center) (Family Medicine); Lesley Atwood, MD (Allina Medical Clinic) (Family Medicine); Ruth Wingeier, CNM (Central Minnesota Midwifery) (Nurse Midwife); Cherida McCall, CNM (HealthPartners Medical Group and Regions Hospital) (Nurse Midwife); Lori Bates, MD (Mayo Clinic) (Family Medicine); Carl Rose, MD (Mayo Clinic) (Maternal-Fetal Medicine); Becky Walkes, RN (Mayo Clinic) (Nursing); Dale Akkerman, MD (Park Nicollet Health Services) (OB/Gyn); Anna Levin, CNM (Park Nicollet Health Services) (Nurse Midwife); Cindy Harper (Institute for Clinical Systems Improvement) (Systems Improvement Coordinator); Linda Setterlund, MA, CPHQ (Institute for Clinical Systems Improvement) (Clinical Systems Improvement Facilitator)

Financial Disclosures/Other Potential Conflicts of Interest

The Institute for Clinical Systems Improvement (ICSI) has long had a policy of transparency in declaring potential conflicting and competing interests of all individuals who participate in the development, revision and approval of ICSI guidelines and protocols.

In 2010, the ICSI Conflict of Interest Review Committee was established by the Board of Directors to review all disclosures and make recommendations to the board when steps should be taken to mitigate potential conflicts of interest, including recommendations regarding removal of work group members. This committee has adopted the Institute of Medicine Conflict of Interest standards as outlined in the report *Clinical Practice Guidelines We Can Trust* (2011).

Where there are work group members with identified potential conflicts, these are disclosed and discussed at the initial work group meeting. These members are expected to recuse themselves from related discussions or authorship of related recommendations, as directed by the Conflict of Interest committee or requested by the work group.

The complete ICSI policy regarding Conflicts of Interest is available at the [ICSI Web site](#)

Disclosure of Potential Conflicts of Interest

Dale Akkerman, MD (Work Group Member)
OB/GYN Physician, Park Nicollet Health Services
National, Regional, Local Committee Affiliations: None
Guideline Related Activities: State Guideline for Prenatal
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

Lesley Atwood, MD (Work Group Member)
Family Medicine Physician, Allina Medical Clinic
National, Regional, Local Committee Affiliations: Allina Pregnancy Care Council
Guideline Related Activities: VBAC guideline task force AAFP
Research Grants: None
Financial/Non-Financial Conflicts of Interest: Expert Testimony for LEEP case

Lori Bates, MD (Work Group Member)
Family Medicine Physician, Mayo Clinic
National, Regional, Local Committee Affiliations: None
Guideline Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

Douglas Creedon, MD (Work Group Leader)
OB/GYN Physician, Mayo Clinic
National, Regional, Local Committee Affiliations: None
Guideline Related Activities:
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

Anna Levin, CNM (Work Group Member)
Clinical Nurse Midwife, Park Nicollet Health Services
National, Regional, Local Committee Affiliations: None
Guideline Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

Cherida McCall, CNM (Work Group Member)
Clinical Nurse Midwife, HealthPartners Medical Group
National, Regional, Local Committee Affiliations: None
Guideline Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

Deb Peterson, MD (Work Group Member)
Family Physician, Affiliated Community Medical Center
National, Regional, Local Committee Affiliations: None
Guideline Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

Carl Rose, MD (Work Group Member)
Maternal-Fetal Medicine Physician, Mayo Clinic
National, Regional, Local Committee Affiliations: Minnesota ACOG
Guideline Related Activities: None
Research Grants: Sequenom; Cell-free fetal DNA in maternal circulation to detect fetal aneuploidy (concluded 7/29/11)
Financial/Non-Financial Conflicts of Interest: None

Ruth Wingeier, CNM (Work Group Member)
Clinical Nurse Midwife, Central Minnesota Midwifery
National, Regional, Local Committee Affiliations: None
Guideline Related Activities: None
Research Grants: None
Financial/Non-Financial Conflicts of Interest: None

Adaptation

This measure was not adapted from another source.

Date of Most Current Version in NQMC

Measure Maintenance

Scientific documents are revised every 12 to 24 months as indicated by changes in clinical practice and literature.

Date of Next Anticipated Revision

The next scheduled revision will occur within 24 months.

Measure Status

This is the current release of the measure.

The measure developer reaffirmed the currency of this measure in January 2016.

Measure Availability

Source available for purchase from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#)

. Also available to ICSI members for free at the [ICSI Web site](#)

and to Minnesota health care organizations free by request at the [ICSI Web site](#)

.

For more information, contact ICSI at 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; Phone: 952-814-7060; Fax: 952-858-9675; Web site: www.icsi.org ; E-mail: icsi.info@icsi.org.

NQMC Status

This NQMC summary was completed by ECRI Institute on August 30, 2013.

The information was reaffirmed by the measure developer on January 13, 2016.

Copyright Statement

This NQMC summary (abstracted Institute for Clinical Systems Improvement [ICSI] Measure) is based on the original measure, which is subject to the measure developer's copyright restrictions.

The abstracted ICSI Measures contained in this Web site may be downloaded by any individual or organization. If the abstracted ICSI Measures are downloaded by an individual, the individual may not distribute copies to third parties.

If the abstracted ICSI Measures are downloaded by an organization, copies may be distributed to the organization's employees but may not be distributed outside of the organization without the prior written consent of the Institute for Clinical Systems Improvement, Inc.

All other copyright rights in the abstracted ICSI Measures are reserved by the Institute for Clinical Systems Improvement, Inc. The Institute for Clinical Systems Improvement, Inc. assumes no liability for any adaptations or revisions or modifications made to the abstracts of the ICSI Measures.

Production

Source(s)

Creedon D, Akkerman D, Atwood L, Bates L, Harper C, Levin A, McCall C, Peterson D, Rose C, Setterlund L, Walkes B, Wingeier R. Management of labor. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2013 Mar. 66 p. [113 references]

Disclaimer

NQMC Disclaimer

The National Quality Measures Clearinghouse[®] (NQMC) does not develop, produce, approve, or endorse the measures represented on this site.

All measures summarized by NQMC and hosted on our site are produced under the auspices of medical specialty societies, relevant professional associations, public and private organizations, other government agencies, health care organizations or plans, individuals, and similar entities.

Measures represented on the NQMC Web site are submitted by measure developers, and are screened solely to determine that they meet the [NQMC Inclusion Criteria](#).

NQMC, AHRQ, and its contractor ECRI Institute make no warranties concerning the content or its reliability and/or validity of the quality measures and related materials represented on this site. Moreover, the views and opinions of developers or authors of measures represented on this site do not necessarily state or reflect those of NQMC, AHRQ, or its contractor, ECRI Institute, and inclusion or hosting of measures in NQMC may not be used for advertising or commercial endorsement purposes.

Readers with questions regarding measure content are directed to contact the measure developer.